



Hylío AG-110 UAS Spec Sheet – Imperial

Flight Parameters	
Total Weight (without batteries)	24.5 lb
Max Recommended Takeoff Weight	54.9 lb
Max Thrust	134.8 lb
Max Operating Speed	22 mph
Max Flight Speed	40 mph
Propulsion System	
Motor KV	100 rpm/V
Foldable Propeller	30x9.0 in
Configuration	Quadcopter
Operating Voltage	12s
Battery	1 x 16000 mAh 12S (44.4V) LiPo Battery
	9.3 lb/battery
Aircraft Frame	
Wheelbase	51 in
Material	Carbon Fiber, Aluminum, Plastic
Dimensions	46x46x24 in (arms unfolded)
	23x23x20 in (arms folded)
Spray System	
Standard Payload	21lb, 2.5 gallon
Configuration	1 Pump, 1 Tank, 1 Flowmeter, 6 nozzles on 6ft boom
Nozzle	Nozzle body compatible with any Teejet spray tip
Pump Pressure	Diaphragm Pump, 65 PSI
Flow Rate (no nozzle max)	0.1 – 1.8 Gal/min
Flow Rate (with recommended nozzle TT11001)	0.95 Gal/min
Spray Width	10-20 feet
Flight Control	
Flight Modes	Fully autonomous (no RC), position hold manual (with RC), Fully manual GPS denied (with RC)
Operating Frequencies	902 – 928 MHz, 2.4 GHz
Ground Station Control Software	Hylío Agrosol
Max Transmission Range	~1 mile (5+ unobstructed)